

# PRODUCT INFORMATION PACKET



Model No: 170222.00

Catalog No: 170222.00

**\*\*OBSOLETE, REPLACED BY 284TTFC6080\*\*** 15 HP 1200 575 TEFC 284T PREM EFF  
General Purpose Motors



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**Nameplate Specifications**

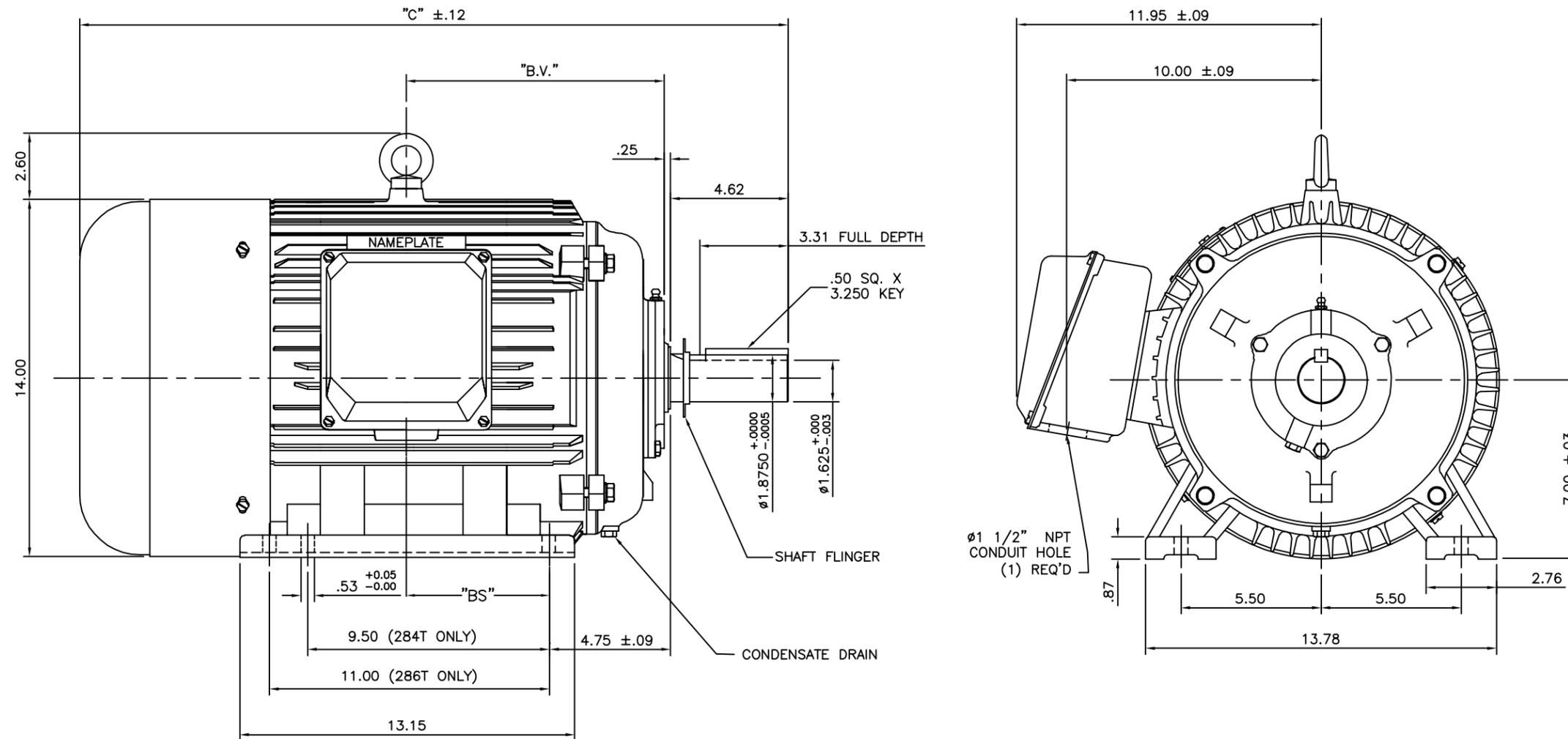
Output HP	<b>15 Hp</b>	Output KW	<b>11.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>575 V</b>
Current	<b>16.2 A</b>	Speed	<b>1185 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>92.4 %</b>	Power Factor	<b>74.6</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>H</b>
Frame	<b>284T</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6311</b>	Opp Drive End Bearing Size	<b>6309</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>43</b>
Hazardous Location	<b>DIVISION 2</b>	Number of Speeds	<b>1</b>

**Technical Specifications**

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Wye Start Delta Run</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid Base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Cast Iron</b>	Shaft Type	<b>T</b>
Overall Length	<b>26.26 in</b>	Shaft Diameter	<b>1.875 in</b>
Shaft Extension	<b>4.62 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>16953960</b>	Connection Drawing	<b>005190.01</b>

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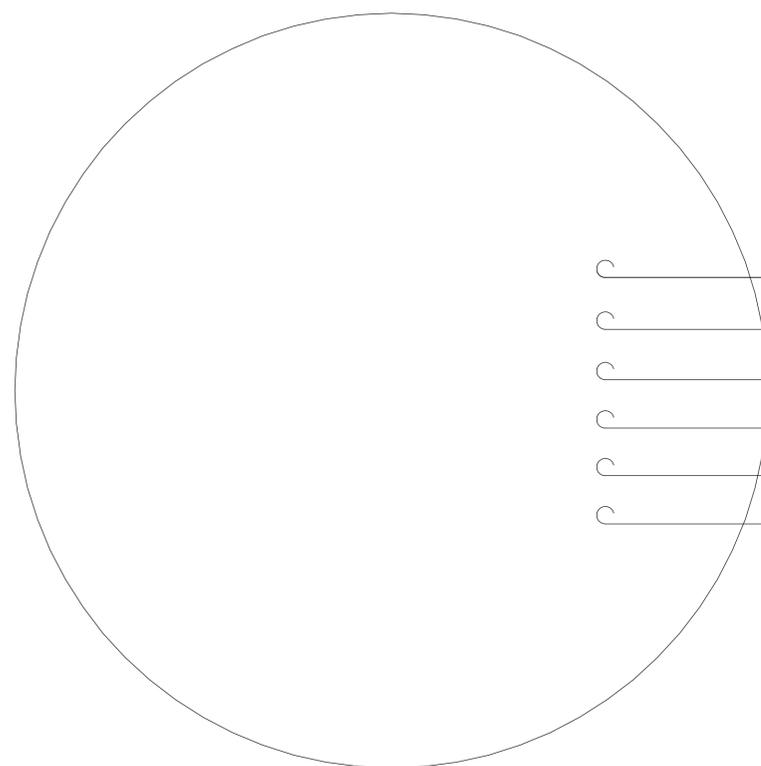


NOTE: 286T HAS 6 MTG. HOLES, USING 284T AND 286T LOCATIONS

FRAME DESIGN	"C"	"BV"	"BS"
284T	26.26	9.65	
286T	27.83	10.43	5.51

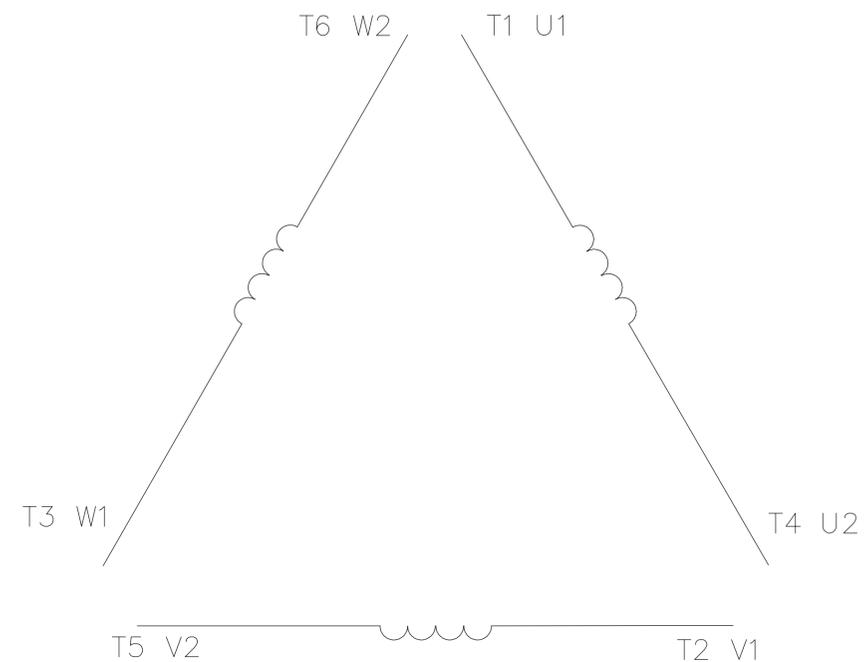
		TOLERANCES UNLESS SPECIFIED		REGAL REGAL-BELOIT CORPORATION		DRAWN CJK 07/16/01	
		DEC.	INCHES			CHK	
03	ECO-0048910, REVISED 'BA' DIM.	RFH 04/04/14	EH .XX ±.03	TITLE OUTLINE-280T FRAME, TEFC-RIGID NEW CONDUIT BOX		SCALE N/A	
02	REDRAWN TO CURRENT CAD STANDARDS	CJK 07/13/99	.XXX ±.005			REF	
01	ADDED HOLE FOR 286T BASE	JJK 11/01/01	.XXX ±.0005			FMF	
NO.	REVISION	BY & DATE	CHK	ANG ±1/2'	FINISH	PREV	
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				DIST		A	169539-60 03

005190-01



- T1 U1
- T2 V1
- T3 W1
- T4 U2
- T5 V2
- T6 W2

LINE LEADS



	L1	L2	L3	JOIN
START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
RUN (DELTA)	(T1,T6) (U1,W2)	(T2,T4) (V1,U2)	(T3,T5) (W1,V2)	

				TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>LEESON</b> ELECTRIC CORPORATION			
				DECIMALS					
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019			DRAWN PG 05/07/82	EXT. WIRING DIAGRAM STAR START - DELTA RUN		
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012	.00	± .01	CH'K'D. TEM			
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	APPR. 05/07/82	MAT'L. Y-CONNECTED START (CWLE) DELTA CONNECTED RUN - SINGLE VOLTAGE		
01	REDRAWN ON CAD	DBT	05/30/97	.0000	± .0005	SCALE 1=1			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	REF. T2E	FINISH	SIZE	DRAWING NO.
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED				ANGLES	± 1/2'	FMF	ELECTRO POWER	A	005190-01
				INCH/MM					